



REMARKS

the captioned application, the Examiner has stated that “[c]laims 1-24 are generic to a plurality of disclosed patentably distinct species comprising pyrimidines, pyridines, and quinolines.” In light thereof, the Examiner has indicated that “Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, even though this requirement is traversed.”

Applicants’ claims 1-17 are drawn to chiral nanotubes comprising a plurality of nanotube monomers, and claims 18-24 are drawn to processes for forming and stabilizing solutions of chiral nanotubes where the nanotubes are assembled from nanotube monomers. Applicants respectfully point out that the illustrative species of nanotube monomers described in the specification and useable in Applicants’ invention are compounds having bicyclic ring systems that contain multiple hydrogen bond donor sites and multiple hydrogen bond acceptor sites in specified locations. In particular, [6:6], [5:6], [6:5], and [5:5] bicyclic ring systems suitable as nanotube monomers are specifically described species of Applicants’ invention. In contrast, at least the pyrimidine and pyridine species referred to by the Examiner are monocyclic.

Therefore, Applicants hereby elect as species a chiral nanotube according to claim 2, where the nanotube monomer is a [6:6] bicyclic ring system. In light of the foregoing election, Applicants have added new claims 28 and 29, drawn to the elected species. Of the claims subject to an election of species, i.e., claims 1-24, and pursuant to MPEP § 809.02(a), claims 1-24 are readable on the elected species. Further, pursuant to MPEP § 809.02(a), new claims 28-29 are also readable on the elected species. However, Applicants respectfully remind the Examiner that claims 1-17 and 28-29 are drawn to chiral nanotubes comprising a plurality of nanotube monomers, and claims 18-24 are drawn to processes for forming and stabilizing solutions of chiral nanotubes where the nanotubes are assembled from nanotube monomers.

Respectfully submitted,
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